

*Curriculum Vitae*

**GEORGE L. CALDWELL, JR., M.D.**

**EDUCATION**

Fellowships	<b>Sports Medicine and Shoulder Surgery Fellowship</b> University of Pittsburgh Department of Orthopaedics Pittsburgh, Pennsylvania	1993-1994
	<b>AO - International Shoulder Surgery Fellowship</b> Professor Christian Gerber (Aug. - Nov.) Department of Orthopaedic Surgery, Kantonsspital Friborg Friborg, Switzerland	1994
Orthopaedic Residency	<b>The Hospital for Special Surgery</b> Cornell University Medical School New York, New York	1989-1993
Internship	<b>George Washington University School of Medicine</b> Washington, DC	1988-1989
Medical Education	<b>Wake Forest University School of Medicine</b> Winston-Salem, North Carolina	1984-1988
Undergraduate	<b>Princeton University</b> Princeton, New Jersey	1980-1984
Secondary Education	<b>Pine Crest School</b> Fort Lauderdale, Florida	1976-1980

**SPORTS MEDICINE EXPERIENCE**

<b>Miami Dolphins Football (NFL)</b> Head Team Physician	1996 - 2016
<b>Florida Marlins Baseball (MLB)</b> Team Physician	1996 - 2016
<b>Cirque du Soleil</b> Regional Physician	2011-2018
<b>Baltimore Orioles Baseball (MLB)</b> Team Physician, Spring Training	1996 - 2009
<b>Co-Director Broward Health Sports Medicine</b> Coverage for 23 Broward County High Schools	2004 - 2016
<b>Miami Fusion Soccer (MLS)</b> Team Physician	1999
<b>Olympic Soccer</b> Consulting Physician, South Florida Venue	1996

<b>Florida Panthers Hockey Team (NHL)</b> Consulting Team Physician	1994 – 1995
<b>Pittsburgh Panthers Football</b> University of Pittsburgh Assistant Team Physician	1993 - 1994

## HONORS / AWARDS

- Cum Laude**, Princeton University
- Best Doctors in America**; 2003-2019
- Castle Connolly Top Doctors**; 1999-2019
- Leading Physicians of the World** (The Internat. Assoc. of Healthcare Prof.); 2010-2019
- America's Most Honored Professionals – Top 1%** (American Registry); 2016-2019
- America's Top Orthopedists** (Consumers' Research Council of America); 2010-2019
- Patients' Choice Award** (Vitals); 2013-2019
- Compassionate Doctor Award** (Vitals); 2012-2019
- Fellowship Research Award**, University of Pittsburgh Sports Medicine (1994)
- Alpha Omega Alpha Medical Honor Society (AOA)**  
Distinguished by presentation in Junior Year, Bowman Gray School of Medicine (1987)
- Athletic Hall of Fame**, Pine Crest School
- High Honors Thesis**, Princeton University (1984)
- Cum Laude**, Pine Crest School (1980)
- Guide to America's Top Surgeons**; 2006-2016
- Florida Super Doctors**; 2008-2013
- Top Doctors, Gold Coast Magazine**; 2008-2016,2019

## BOARD CERTIFICATIONS

- Subspecialty Board Certificate in Orthopaedic Sports Medicine**, (ABOS)  
(valid through 12-31-2027)
- Board Recertification, Orthopaedic Surgery** (ABOS)  
(valid through 12-31-2027)

**CURRENT RESEARCH INTERESTS**

Opioid Usage in Surgical Patients; New Techniques for Significant Reductions  
Surgeon Administered Local-Regional Blocks for Outpatient Knee and Shoulder Surgery

**APPOINTMENTS / COMMITTEES**

NFL Physicians Society, Executive Committee  
NHL/NHLPA Second Medical Opinion Physician  
Co-Director Broward Health Sports Medicine, 2004-2015  
Florida Board of Athletic Trainers, Vice-Chairman, 2008-2013  
Florida Sports Foundation, Board of Directors, 2002-2005  
National Center for Sports Safety (2003)  
Medical Liaison Committee, Florida High School Athletic Association (FHSA)  
Executive Committee, Florida Orthopaedic Society  
Clinical Assistant Professor of Physician Assistant Sciences, Nova Southeastern University  
Clinical Assistant Professor of Health Sciences Division, Nova Southeastern University

**MEMBERSHIP OF ORGANIZATIONS / SOCIETIES**

NFL Team Physicians Society (NFLPS)  
Alpha Omega Alpha Medical Honor Society(AOA)  
American Academy of Orthopaedic Surgeons (AAOS)  
Arthroscopy Association of North America (AANA)  
American Orthopaedic Society for Sports Medicine (AOSSM)  
AO Alumni Association (AOAA), Davos-Platz / Switzerland  
American College of Sports Medicine (ACSM)  
Florida Orthopaedic Society (FOS)  
Major League Baseball Physicians

**PUBLICATIONS**

- Caldwell, GL, Selepec, M: Reduced Opioid Use After Surgeon Administered Genicular Nerve Block for Anterior Cruciate Ligament REconstruction In Adults and Adolescents. *HSS Journal*. 15-1: 42-50, 2019.
- Caldwell, GL, Warner, JP, Miller, M, Boardman, D, Towers, J and Depski, R: Strength of Fixation with Transosseous Sutures in Rotator Cuff Repairs. *Journal of Bone and Joint Surgery*. 79-A: 1064-1068, 1997.
- Caldwell, GL and Safran, MR: Elbow problems in the athlete. *Orthopaedic Clinics of N America*. 26-3: 465-485, 1995.
- Caldwell, GL, Allen, AA and Fu, FH: Functional anatomy and biomechanics of the menisci. *Operative Techniques in Sports Medicine*. 2: 152-163, 1994.
- Caldwell, GL and Foust, E: Athletic trainers in Florida: Impact of certification and future directions. *Florida Ortho Soc Journ.*: 18-19, Sept. 1997.
- Caldwell, GL: Achilles tendon ruptures: Operative versus nonoperative management. *Operative Techniques in Orthopaedics*. 5: 290-294, 1995.
- Caldwell, GL: Water skiing injuries: standard and wakeboarding. Mark Safran, M.D. (ed), *Manual of Sports Medicine*. Lippencott-Raven, Phil., 618-619, 1998.
- Warner, JP, Caldwell, GL and Gerber, C: Cuff Tears and Impingement. James H. Herndon, M.D.(ed.), *Upper Extremity Reconstruction*. Appleton & Lange, East Norwalk, 43-76, 1999.
- Caldwell, GL, Foust, E: Athletic Trainers in Florida: Impact of certification and future directions. *Fla Orthopaedic Soc Journal*. 18-19, 1997.
- Dines, D, Caldwell, GL, Altchek, D, and Warren, RF: Arthroplasty of the shoulder: Complications and techniques for revision. *Complications in Orthopedics*. 10: 50-56, 1995.
- Allen, AA, Caldwell, GL and Fu, FH: Anatomy and Biomechanics of the Meniscus. *Operative Techniques in Orthopaedics*. 5: 2-9, 1995
- Safran, M, Caldwell, GL, and Fu, FH: Proprioceptive considerations in surgery. *J. Sports Rehab.* 3(1): 105-115, 1994.
- Safran, MR, Caldwell, GL, and Fu, FH: Chronic Instability of the Elbow. Clayton A Primer, M.D.(ed), *Surgery of the Hand and Upper Extremity*. McGraw-Hill, New York, 467-490.
- Brien, EW, Terek, RM, Geer, RJ, Caldwell, GL, Brennan, MF and Healy, JH: Treatment of soft-tissue sarcomas of the hand. *J. Bone Joint Surgery* 77-A: 564-571, 1995.
- Lane, J and Caldwell, GL: Total replacement of the femur for malignant fibrous histiocytoma. *Strategies in Orthopedic Surgery* 9: 1-16, 1990.
- Miller, TT, Caldwell, GL, Kaye, JJ, Arkin, S, Burke, S, Brill, and PW: MR imaging of deferoxamine-induced bone dysplasia in an 8-year-old female with thalassemia major. *Pediatric Radiology* 23: 523-524, 1993.

**Publications** (continued)

Johnson, D, Caldwell, GL, Harner, CH, Swenson, T, Maday, M and Fu, FH: Revision anterior cruciate ligament reconstruction using fresh frozen allograft tissue; classification, indications, techniques, results and controversies. *Orthopaedic Transactions* 3, 1994.

Caldwell, GL: Alterations in blood-brain barrier permeability to HRP and trypan blue during spinal cord regeneration in larval and juvenile Rana Pipiens. *Princeton University Thesis, 1984*.

**SCIENTIFIC PRESENTATIONS**

“Intra-operative Surgeon Performed Pain Blocks in Sports Medicine”  
4th Annual Technology and Innovation in Orthopedics Symposium  
Fort Lauderdale, FL: January 2019

“New Technique: Minimum Opioid Usage and Pain After Surgeon Administered Local-Regional Block for Outpatient Arthroscopic Knee and Shoulder Surgery”  
Florida Orthopaedic Society Annual Meeting  
St. Petersburg, FL: June, 2018.

“Rotator Cuff Injuries in Throwers: Diagnosis and Conservative Management”  
29<sup>th</sup> Annual Injuries in Baseball Course by the American Sports Medicine Institute  
Tampa, FL: January, 2011

“Flexor-Pronator Injuries and Ulnar Neuritis”  
29<sup>th</sup> Annual Injuries in Baseball Course by the American Sports Medicine Institute  
Tampa, FL: January, 2011

“Hamstring and Quadriceps Stains: Evaluation and Treatment. NFL Experience.”  
Sports Medicine & Football: The 2006 NFL Perspective  
Hollywood, FL: May, 2006

“Hand Fractures in the NFL”  
NFL Team Physicians Society & American Orthopaedic Soc. of Sports Med.  
Sports Medicine 2003: An NFL Perspective  
San Francisco, CA: May 2003

“Functional Anatomy of the Knee”  
Cleveland Clinic Sports Health Symposium  
Fort Lauderdale, FL: March 2002

“Arthroscopy of the Hip in Athletes – Medical Case Studies in the NFL”  
National Athletic Trainers’ Association – Annual Meeting  
Nashville, Tennessee: June, 2000

“Techniques for Improved Cosmetic and Functional Outcome Using Autogenous Patellar Tendon Bone Graft in ACL Reconstruction”  
Florida Orthopaedic Society – Annual Meeting  
Palm Beach, Florida: June, 2000

“Knee Anatomy, Biomechanics and Evaluation”  
Cleveland Clinic Fifth Annual Sports Health Symposium  
Fort Lauderdale, Florida, 2000

**Presentations** (continued)

“Shoulder Anatomy, Biomechanics and Physical Examination”  
Cleveland Clinic Fifth Annual Sports Health Symposium  
Fort Lauderdale, Florida, 2000

"Shoulder SLAP Lesions"  
Southern Medical Association - Clinical Update  
Key Biscayne, Florida: August, 1997

"Autologous Osteochondral Transfers for Treatment of a Large OCD Defect - A Case Report"  
Panther Sports Medicine Symposium - Alumni Day  
Pittsburgh, Pennsylvania: April, 1997

"Physical Examination of the Throwing Athlete"  
1996 Baseball Symposium - Training and Conditioning for the Throwing Athlete  
Miami, Florida: November, 1996

"Transosseous Rotator Cuff Fixation: The Weak Link? A Biomechanical Evaluation"  
American Academy of Orthopaedic Surgeons 62nd Annual Meeting  
Caldwell, G.L.\*, Warner, J.P., Miller, M., Boardman, D., and Towers, J.  
Orlando, Florida: February, 1995

"Shoulder Proprioception in Baseball Pitchers"  
American Academy of Orthopaedic Surgeons 62nd Annual Meeting  
Lephart, S., Safran, M.R.\*, Caldwell, G.L., Borsa, P.A., Fu, F.H., and Warner, J.J.P.  
Orlando, Florida: February, 1995

"Transosseous Rotator Cuff Fixation: The Weak Link? A Biomechanical Evaluation"  
Florida Orthopaedic Society: Annual Meeting  
Caldwell, G.L.\*, Warner, J.P., Miller, M., Boardman, D., and Towers, J.  
Amelia Island, Florida: November, 1995

"Primary vs. Revision ACL Reconstruction Using Fresh Frozen Allograft Tissue: A Clinical Outcome Analysis"  
American Orthopaedic Society for Sports Medicine - Annual Meeting  
Johnson, DL\*, Irrang, JJ, Caldwell, GL, Harner, CD  
Palm Desert, California: June, 1994

"Transosseous Fixation of Rotator Cuff: A Biomechanical Evaluation"  
Resident and Fellows Research Symposium  
Caldwell, G.L.\*, Warner, J.P., Miller, M., Boardman, D., Towers, J., and Debski, R.  
Department of Orthopaedics, University of Pittsburgh: May, 1994

"Elbow: Functional Anatomy and Biomechanics"  
Caldwell, G.L. and Jon J.P. Warner\*  
American College of Sports Medicine. Team Physicians Course - Part I  
Dallas, Texas: February, 1994

"Specific Problems and Pearls in Tennis"  
Caldwell, G.L. and Jon J.P. Warner\*  
American College of Sports Medicine. Team Physicians Course - Part II  
Dallas, Texas: February, 1994

"Revision Shoulder Arthroplasty"  
American Academy of Orthopaedic Surgeons 60th Annual Meeting  
Ninth Open Meeting of the American Shoulder and Elbow Surgeons  
San Francisco, CA: February, 1993

"Revision Shoulder Arthroplasty"  
Eastern Orthopaedic Association - 23rd Annual Meeting, Dorado  
Puerto Rico: October, 1992

**POSTERS, SCIENTIFIC EXHIBITS, VIDEOS**

"Intra-Articular Afferent Contribution to Shoulder Proprioception" - Poster Presentation  
Second World Congress on Sports Trauma / American Orthopaedic Society of  
Sports Medicine - 22nd Annual Meeting  
Orlando, Florida: June, 1996

"Revision ACL Reconstruction: Technical Considerations" - Video  
American Academy of Orthopaedic Surgeons 62nd Annual Meeting  
Orlando, Florida: February, 1995

"Transosseous Rotator Cuff Fixation: The Weak Link? A Biomechanical Evaluation"  
Poster Presentation  
American Academy of Orthopaedic Surgeons 62nd Annual Meeting  
Orlando, Florida.: February, 1995

"Revision Anterior Cruciate Ligament Reconstruction Using Fresh-Frozen Allograft Tissue:  
Classification, Indications, Techniques, Results and Controversies." - Scientific Exhibit  
American Academy of Orthopaedic Surgeons 61st Annual Meeting  
New Orleans, Louisiana: February, 1994

"Revision Shoulder Arthroplasty" - Poster Presentation  
American Academy of Orthopaedic Surgeons 60th Annual Meeting  
San Francisco, California: February, 1993

**PRESENTATIONS and PUBLICATIONS: COMMUNITY / EDUCATIONAL**

"Return to Play after ACL Reconstruction" Palm Beach, Florida	2015
"ACL Injury and Reconstruction in Adolescents" Wellington, FL	2014
"Ulnar Collateral ligament Injuries in Throwers" Athletes Advantage: Wellington, FL	2013
Faculty Moderator, Indo-UK Conference on Pain New Delhi, India	2013

Faculty, Conference on Pain Management Jaipur, India	2013
“Wounded Knee: Bouncing Back From Cartilage Tears” Fort Lauderdale Magazine	2013
“Non-operative Treatment of Rotator Cuff Tears in Overhead Throwing Athletes” Guest Lecturer,	2011
“Rotator Cuff Tears in Throwing Athletes” Broward Health ATC Symposium	2011
“Shoulder Instability and Labral Repair” Course by Athlete’s Advantage: Wellington, FL	2010
“Surgical Treatment of the Shoulder and Knee” Nova Southeastern Medical School	2006, 2007, 2008, 2009
“Sports Medicine: Surgical Treatment of the Knee” Broward Health Sports Medicine Symposium	2008
Moderator & Guest “College Sports in the Twenty First Century”	
The Education Network TV Presentation	2003
“Cartilage Injuries in the Knee” Ft. Lauderdale Executive Association	2002
Course Director High School Sports Workshop for Coaches, Trainers and Referees Broward County School System and Nova Southeastern University	2001
“Perspectives in the Medical Profession” Career Day at Pine Crest School	October, 1999
"Surgical Procedures of the Knee and Shoulder" Division of Phy. Therapy, Univ. of Miami School of Medicine	September, 1999
Course Director High School Sports Workshop for Coaches, Trainers and Referees Broward County School System and Nova Southeastern University	September, 1999
"Surgical Procedures of the Knee" Division of Physical Therapy University of Miami School of Medicine	October, 1998
Cartilage Tears Prep Football Weekly	September, 1998
ACL Injuries: Anatomy and Diagnosis Prep Football Weekly	September, 1998
"Spear Tackling in football - Relationship to Spine Injuries"	



Bulletin of the Florida High School Athletic Association,	1998
"Sports Medicine Update", Holy Cross Hospital	April, 1998
"Sports as a Backdrop of Life" Guest Speaker, Pinnacle Awards Broward County Nonpublic Schools Association	April, 1998
"Little League - Guidelines for Orthopaedic Safety" Little League Baseball - Safety First Course Holy Cross Hospital	February, 1998
"Sports Medicine Today" Retired Physicians Association of Broward County	November, 1997
"Closed Head Injuries in Athletes" North Broward Hospital District Trainers	March, 1996
"Shoulder Instability: Overview of Anatomy, Biomechanics, Diagnosis, and Treatment" HealthSouth: Boca Raton trainers and therapists	February, 1996
"Elbow Problems in the Athlete" Broward Chapter of the National Association of Orthopaedic Nurses	February, 1996
"Emergency Management of Head and Cervical Injuries in the Football Player" Broward County Fire Rescue CQI Review	November, 1995
"Shoulder Impingement: Diagnosis and Treatment" Cleveland Clinic Florida Surgical Grand Rounds	September, 1995
"Natural History of the ACL Deficient Knee" Sports Medicine Conference, Cleveland Clinic Florida	March, 1995
"The Weekend Warriors Guide to Athletic Injury" Men's Day - Neiman Marcus Ft. Lauderdale	March, 1995

#### **COMMUNITY INTERESTS**

Princeton Alumni Schools Council (1996-2011)  
Co-Chairman - Broward County

Broward Economic Development Council, Sports Council (1995-1996)

Executive Association of Fort Lauderdale

Pine Crest School Board of Trustees (1999-2006)

Pine Crest Alumni Board, Vice President (1995-1999)

#### **MEDICAL LICENSE**

FLORIDA

**WORK EXPERIENCE**

Florida Institute of Orthopedic Surgical Specialists Tenet Florida Physician Services	February, 2016 – present
Broward Health Physician Group Fort Lauderdale, FL	January, 2004 - January, 2016
Holy Cross Medical Group Fort Lauderdale, FL	January, 1999 – December, 2003
HealthSouth Physician Practice Fort Lauderdale, FL	October, 1995 – December, 1998
Department of Orthopaedics Cleveland Clinic Florida Fort Lauderdale, FL	November, 1994 - September, 1995

**PRESENTATIONS - GRAND ROUNDS**

- Hospital for Special Surgery
  - Acute Management of Pelvic Fractures
  - Anterior Cruciate Ligament Anatomy and Injury
  - Acetabular Fractures
  - Congenital Dislocation of the Hip: Etiology, Diagnosis, and Management
  - Distal Radius Fractures
  - Deep Vein Thrombosis after Total Joint Arthroplasty
  - Elbow: Throwing Injuries
  - Hand: Digit Replantation
  - Idiopathic Scoliosis: Etiology and Early Treatment
  - Malunions
  - Midfoot Fractures
  - Neuromuscular Spinal Deformity
  - Revision Total Hip Replacement
  - Spondylolysis and Spondylolisthesis
- University of Pittsburgh - Sports Medicine Conference
  - Concussions and Head Injury in Sports
  - Fibrin Clot in Meniscal Repairs
  - Natural History of Anterior Cruciate Insufficiency
  - Functional Elbow Anatomy and Biomechanics
  - Adolescent ACL Tears
  - SLAP Labral Lesions of the Shoulder
  - Locked Posterior Shoulder Dislocations
  - Scapular Winging